



Model CM4 (shown)

Model: CM6

The TRION CM Series units are freestanding, self-cleaning cartridge filters suitable for the removal of most dry smoke and dusts (not explosive or flammable).

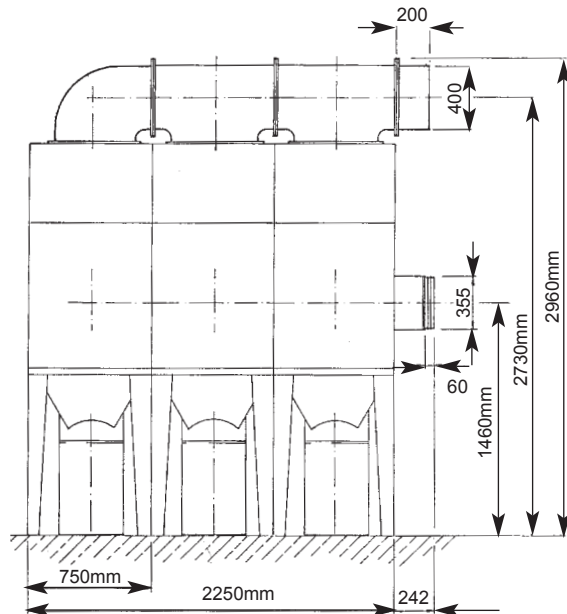
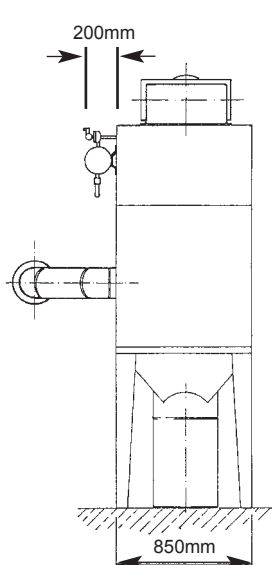
The filter cabinet is made from 1.5mm welded sheet metal. The unit is supplied on a stand with a collection hopper and dust barrel which can be easily removed and emptied.

The self-cleaning system utilises compressed air which is stored in tanks on the outside of the unit. The compressed air is led directly through the tank into the cartridges. Alternatively, the cartridges can be cleaned during operation (on-line) or through pressure difference, which saves on compressed air. Additionally, there is an off-line cleaning system installed. The control box with a filter monitoring mechanism for cleaning is included. The interval-pulse sequences are individually adjustable as are the x-P-value settings.

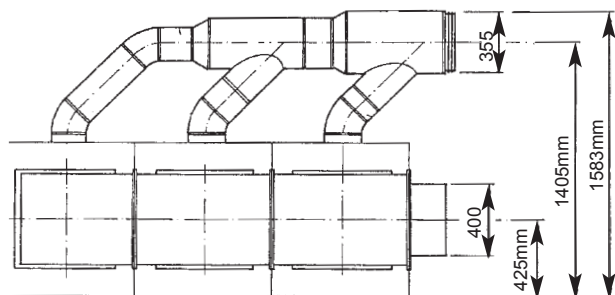
Changing the cartridges is made easy by the large doors on the front of the unit. The larger dust particles are led directly into the collection hopper through a baffle which is installed at the air inlet.

The unit price includes a compressed air maintenance system with a reverse-safety valve, water filter and pressure valve. The compressed air can be alternatively be supplied through a flexible hose with a standard coupler plug or through a stiff tube system. Inlet duct shown is an optional extra.

Technical Details	CM2	CM4	CM6	CM8
Average Air Volume m ³ /h	2000	4000	6000	8000
Filter Area m ² (Polyester BIA-C)	2 x 11.5 = 23	4 x 11.5 = 46	6 x 11.5 = 69	8 x 11.5 = 92
Filter Area m ² (Cellulose BIA-C)	2 x 26 = 52	4 x 26 = 104	6 x 26 = 156	8 x 26 = 208
Efficiency	99.93%	99.93%	99.93%	99.93%
Width mm	750	1500	2250	3000
Depth (mm) unit + tank	850 + 200	850 + 200	850 + 200	850 + 200
Height less outlet duct	2450	2450	2450	2450
Height with outlet duct	2760	2788	2960	3060
Weight kg	260	520	780	1040
Input Voltage	230v/1ph/50Hz	230v/1ph/50Hz	230v/1ph/50Hz	230v/1ph/50Hz
Cleaning System	Pulse Jet	Pulse Jet	Pulse Jet	Pulse Jet
Dust Collector	1	2	3	4
Inlet connection (mm)	1 x 200	2 x 200	3 x 200	4 x 200
High Inlet connection (mm)	1460	1460	1460	1460
Nominal resistance through unit	Cellulose 1000 PA / Polyester 1500 PA			



HOW IT WORKS



TRION
Air Purification Systems